

ABSTRACT OF THE DISCLOSURE

A system for distributing files and transmitting/receiving the distributed files. In the system, a file distribution/transmission/reception module depends upon an application program executable in a client computer and is performed in a background process of an application program execution module. The file distribution/transmission/reception module receives files designated on a host computer from a network and then stores the received files, while the application program is executed. The file distribution/transmission/reception module transmits corresponding files to another client computer if the corresponding files exist, in response to another client computer's request for transmission of files designated on the host computer. The system distributes a load of the network and entirely increases a file transmission rate by receiving and storing distributed transmission files while the application program is executed, and reduces the load of the network associated with a file storage computer by receiving the transmission files not only from the file storage computer, but also from other client computers.